

Open 24 hours | Telephone - London: 020 7873 2262

www.solarilluminations.co.uk/index.php?route=wishlist  [\(https://www.solarilluminations.co.uk/\)](https://www.solarilluminations.co.uk/)  [route=product/compare](https://www.solarilluminations.co.uk/?route=product/compare)

All ↓

PIR

Q

SL28 SOLAR 5W-40W LED ALL-IN-ONE AREA LIGHT
(WITHOUT COLUMN)

 [\(https://www.solarilluminations.co.uk/\)](https://www.solarilluminations.co.uk/)

/ [Search \(https://www.solarilluminations.co.uk/index.php?route=product/search&search=PIR\)](https://www.solarilluminations.co.uk/index.php?route=product/search&search=PIR)

SL28 Solar 5W-40W LED All-In-One Area Light (Without Column) (<https://www.solarilluminations.co.uk/SL28-Solar-Compact-Area-Light?search=PIR>)





LIGHT OUTPUT **780-5200** LUMENS



1

£319.99

SL28 Options *

5W LED

▼

1	▲
	▼

 ADD TO CART

ASK QUESTION



PDF Data (pdf_US/DAT197-SL28-Solar-Area-Light-UK.pdf)



DESCRIPTION

This compact, all in one solar LED area light can attached to a round column, square post or to the side of a wall or building. It is available in 5 different version. . All of the different models are all very easy to install in just 5 minutes! Prices from £399.99.

This self-contained, integrated LED light fitting can be easily installed right out of the box in minutes. All five versions of the light are designed for pole mounting, or can be installed on to the side of a building or any solid vertical surface. The different models available include a 5W LED model that provides up to 550 Lumens, a 15W LED model that offers up to 1950 Lumens, a 20W LED model that offers up to 2600 Lumens, a 30W LED model that offers up to 3900 Lumens and a 40W LED model that offers up to 5200 Lumens. The light will illuminate at dusk at 33% brightness, and will switch to 100% brightness when motion is detected by the PIR motion sensor. The light fitting has a solar panel discretely built on to the top of the light fitting, which charges a lithium rechargeable battery. This light fitting can be used at sites where several PIR activations occur each night where the LED power is at maximum (100%) brightness. Otherwise, when there is not activity within the PIR detection area, the LED power remains at 33% brightness. This light fitting is not designed for continuous activations or dozens

of activations that extend the maximum brightness for prolonged periods. Colour of luminaire is grey. Colour of light output is white.

Applications

small private streets, footpaths, playgrounds, multi use games areas (MUGA), small private car parks and general security lighting in and around commercial buildings there is an increasing need for a solar powered solution. For customers seeking a fast, efficient, convenient solution to area lighting.

Technical Specifications

Performance

All-in-one, integrated design.

Weather rating is IP 65.

Ideal operating temperature charging range is 0 deg C. to +60 deg C. (+32 deg F. to +140 deg F.).

Ideal operating temperature discharging range is -20 deg C. to +60 deg C. (-4 deg F. to +140 deg F.).

Ideal storage temperature range is 0 deg C. to +45 deg C. (+32 deg F. to +113 deg F.).

Anti-tamper (theft resistant) stainless steel hardware included for pole clamp.

Anti-tamper bolt install/release tool included.

Luminaire

A passive infra-red (PIR) motion sensor is built into the fixture on all models.

Motion sensor detection range (at ground level) is up to 6 metres (20') forward and with a 90 degree detection spread, up to 4 metres (13') left/right.

The detection range will vary depending upon a few factors

including fixture mounting height, local ambient temperature etc.

All SMD/LED's have a color temperature of 6000-6500k.

Zero light pollution.

The 5W model is fitted with multiple SMD/LEDs at 5 Watts power and provides 550 Lumens at full brightness and 180 Lumens in ambient mode.

That is equal to approximately 120 Watts of incandescent lighting.

The 15W model is fitted with multiple SMD/LEDs at 15 Watts power and provides 1950 Lumens at full brightness and 650 Lumens in ambient mode.

That is equal to approximately 250 Watts of incandescent lighting.

The 20W model is fitted with multiple SMD/LEDs at 20 Watts power and provides 2600 Lumens at full brightness and 900 Lumens in ambient mode.

That is equal to approximately 300 Watts of incandescent lighting.

The 30W model is fitted with multiple SMD/LEDs at 30 Watts power and provides 3900 Lumens at full brightness and 1300 Lumens in ambient mode.

That is equal to approximately 400 Watts of incandescent lighting.

The 40W model is fitted with multiple SMD/LEDs at 40 Watts power and provides 5200 Lumens at full brightness and 1700 Lumens in ambient mode.

That is equal to approximately 500 Watts of incandescent lighting.

The 5W model is approx. 33cm x 24cm x 5cm (13" x 9.5" x 2")

LxWxD.

The 15W model is approx. 70cm x 36cm x 5cm (27.5" x 14" x 2")

LxWxD.

The 40W model is approx. 115cm x 13cm x 5cm (45" x 13" x 2")

LxWxD.

The 5W model is ideal for lighting up an area approximately 6m x 6m (20' x 20').

The 15W model is ideal for lighting up an area approximately 15m x 15m (50' x 50').

The 40W model is ideal for lighting up an area approximately 25m x 25m (80' x 80').

Battery

Integral high capacity Lithium battery pack is supplied and is pre-installed.

The system has built-in charge control regulation with over-charge and discharge protection.

Solar Panel

The 5W model is fitted with a 7 Watt solar panel.

The 15W model is fitted with a 25 Watt solar panel.

The 20W model is fitted with a 50 Watt solar panel.

The 30W model is fitted with a 60 Watt solar panel.

The 40W model is fitted with a 60 Watt solar panel.

Installation

Short support arm and mounting bracket is included.

Easy installation onto a round post or pole (typically a standard lighting column, 76mm diameter).

The clamp/bracket can be attached to a round pole of 8cm (3") diameter up to 11cm (4") diameter.

It can also be fitted to a vertical surface such as a wall or side of a building, or to a square post.

The 5W model can be installed up to a height of approx. 3 metres (10').

The 15W and 20W models can be installed up to a height of approx. 5 metres (16').

The 30W and 40W model can be installed up to a height of approx. 7 metres (23').

Can also be fitted to a square post or to a solid vertical surface such as a wall or side of a building.

The 'U' section of the clamp is removable to allow for direct surface mounting.

When selecting installation location, make sure the solar panel is not obstructed from direct sun light.

Notes

Please Note: This product is a special order and is non-returnable except in the event of a fault (during its warranty period) when the product, once returned will be repaired or replaced.

The solar panel must be installed in a location where it can receive full direct sunshine (when available) and set facing South at about a 45-60 degree angle (where adjustment options allow). The solar panel must not be installed in a shaded or part shaded location and never indoors. The standard specifications of the system (particularly the solar panel Wattage and battery capacity) may need to be adjusted. These components are determined by your geographic location, power consumption (LED Wattage) and the total amount of hours of illumination time required. Such changes to the standard specifications may increase or decrease the cost shown. Please contact us for more

information or assistance. The illumination time is estimated and subject to various factors including (but not limited to) geographic location, seasons, temperature, weather conditions & location of product etc. The illumination time of most solar lights can reduce during winter months when the weather is poor and the days are shorter. During this time insolation hours decrease accordingly. Shorter illumination time due to one or more of the above factors does not define the product as being 'defective' or 'not as described'. All solar lights must be used in a completely dark location at night time otherwise they may not illuminate. Nearby strong lighting sources or ambient lighting may affect the operation of a solar light. This does not define the product as being 'defective' or 'not as described'. Please note, if you do not install or use this product for several months the battery may discharge naturally on its own. By allowing a battery to deep discharge it may cause irreversible damage as the battery may then lose the ability to recharge or hold a full charge. Although unlikely, we reserve the right to supply this product with any minor alterations or minor changes to the specifications (shown above by text description or by photographs) due to different supplies or product batches received, incorporating such product changes made by the manufacturer, without further notice. Descriptions, specifications and photographs are updated regularly but may not be current when minor changes to a product have only recently been made.

* View our Terms, Conditions and Policies (including our Returns Policy) for further information.

TAGS: